

FIG. 5

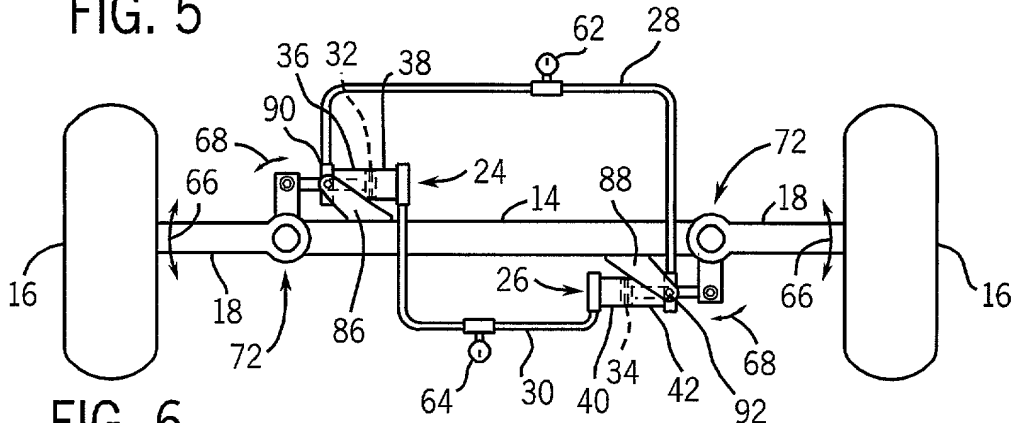


FIG. 6

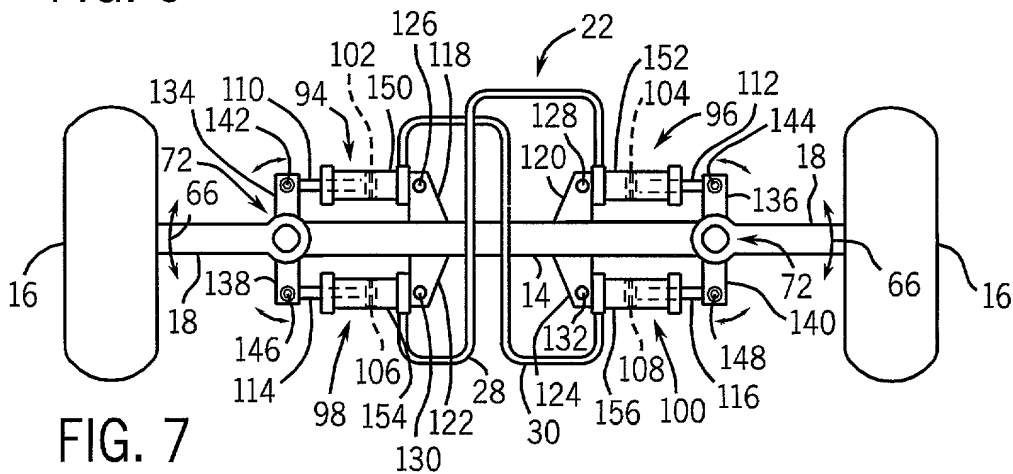


FIG. 7

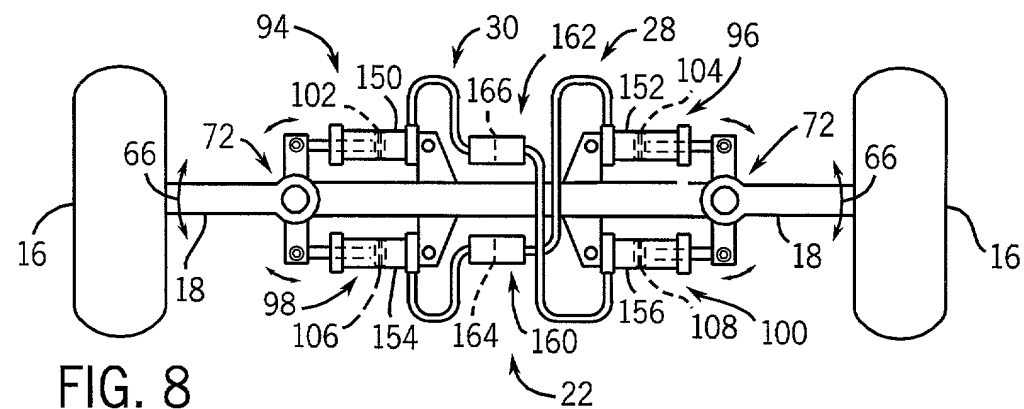


FIG. 8

**FIG. 9**

FIG. 9 is a schematic diagram of a device 22, which appears to be a dual-chambered actuator or pump. The device is shown in a cross-sectional view. It consists of a first chamber 24 and a second chamber 26, separated by a central partition 20. The first chamber 24 has a length of 40 and contains a piston 178 with a cross-sectional area of 186. The second chamber 26 has a length of 42 and contains a piston 174 with a cross-sectional area of 182. The pistons are connected by a rod 202. The device is shown in a cross-sectional view with various components labeled with reference numerals. The first chamber 24 is connected to a fluid source 30 via a line 28. The second chamber 26 is connected to a fluid source 32 via a line 34. The device is shown in a cross-sectional view with various components labeled with reference numerals. The first chamber 24 is connected to a fluid source 30 via a line 28. The second chamber 26 is connected to a fluid source 32 via a line 34. The device is shown in a cross-sectional view with various components labeled with reference numerals.

**FIG. 10**

FIG. 10 is a schematic diagram of a device, likely a pump or a valve, showing two main sections, 22 and 24, connected by a U-shaped tube 28. The device is shown in a cross-sectional view.

Section 22 (top) has a total width of 240 (40 + 186 + 42). It contains a chamber 30 with a piston 34. A shaft 46 is connected to the piston. The chamber 30 is divided into two parts by a vertical partition 172. The left part has a width of 40, and the right part has a width of 186. The piston 34 is located in the right part. The shaft 46 is connected to the piston 34. The shaft 46 has a diameter of 194. The chamber 30 is connected to a U-shaped tube 28. The U-shaped tube 28 has a diameter of 190. The U-shaped tube 28 is connected to section 24.

Section 24 (bottom) has a total width of 258 (36 + 184 + 38). It contains a chamber 32 with a piston 32. A shaft 44 is connected to the piston. The chamber 32 is divided into two parts by a vertical partition 176. The left part has a width of 36, and the right part has a width of 184. The piston 32 is located in the right part. The shaft 44 is connected to the piston 32. The shaft 44 has a diameter of 192. The chamber 32 is connected to a U-shaped tube 28. The U-shaped tube 28 has a diameter of 190. The U-shaped tube 28 is connected to section 22.

Various internal components are labeled, including valves 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212. Arrows indicate fluid flow between the chambers and into/out of the shafts.

FIG. 11

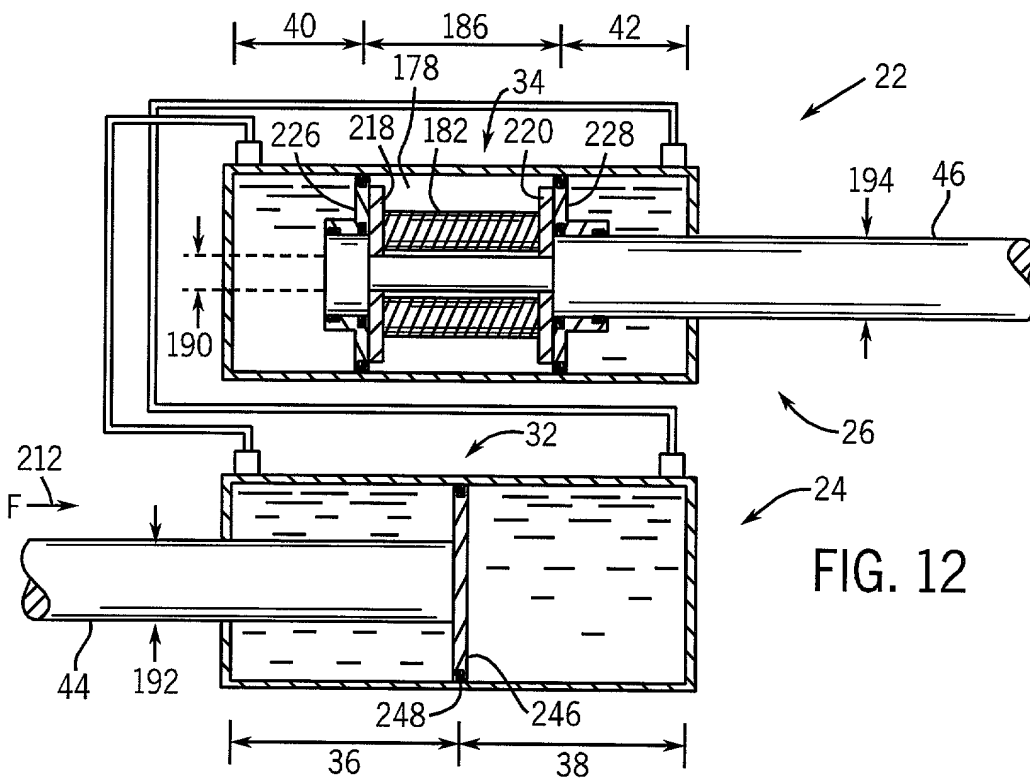
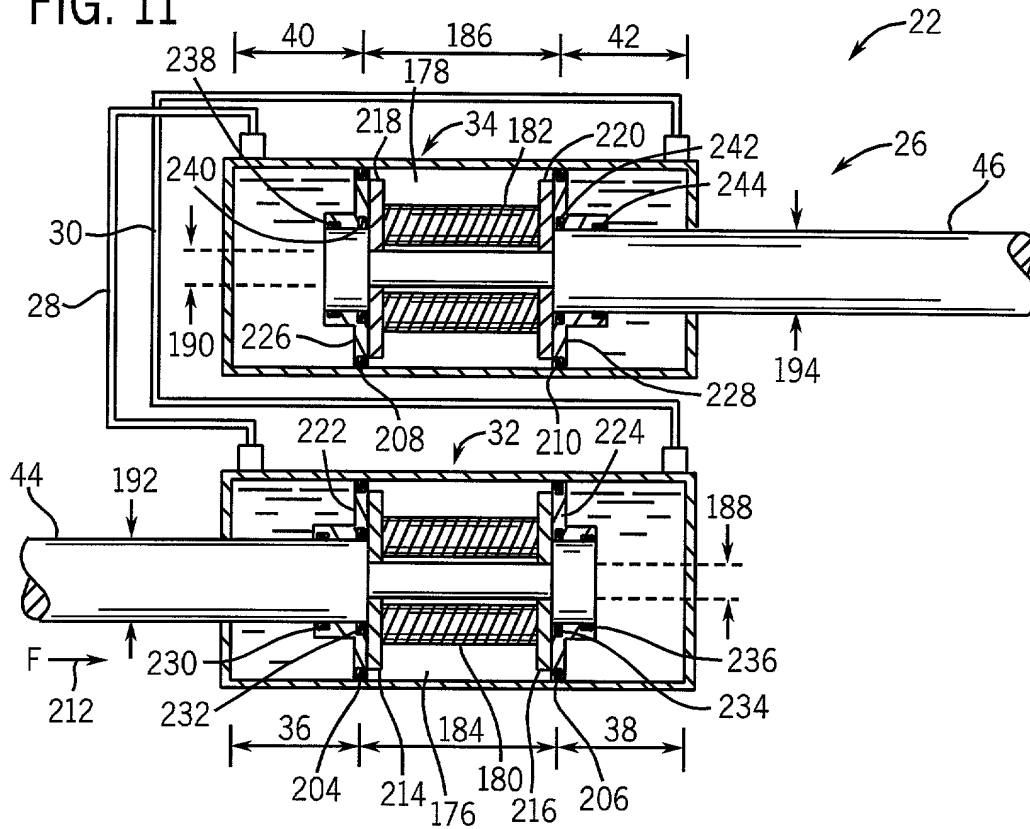


FIG. 12